

1085

Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. CV-0040		Serial No. 10/661,082	
Information Disclosure Citation (Use several sheets if necessary)				Applicant: John Moon et al			
				Filing Date: September 12, 2003		Group Art Unit: 2872	
U. S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	

AC	RE37,473	12/2001	Challener	250	225	
AC	RE37,891	10/2002	Collins et al	435	6	
AC	RE 33,581	4/1991	Nicoli et al	435	7.2	
AC	3,968,476	7/1976	McMahon	382	127	
AC	4,011,435	1/1977	Phelps	235	454	
AC	4,023,010	5/1977	Horst et al	235	454	
AC	4,053,228	10/1977	Schiller	356	71	
AC	4,131,337	12/1978	Moraw et al	352	2	
AC	4,386,274	5/1983	Altshuler	250	251	
AC	4,445,229	4/1984	Tasto et al	381	110	
AC	4,560,881	12/1985	Briggs	250	458.1	
AC	4,562,157	12/1985	Lowe et al	435	287.2	
AC	4,647,544	3/1993	Nicoli et al	436	518	
AC	4,678,752	7/1987	Thorne et al	436	287.3	
AC	4,685,480	8/1987	Eck	134	182	
AC	4,740,688	4/1988	Edwards	250	226	
AC	4,748,110	5/1988	Paul	435	5	
AC	4,767,719	8/1998	Finlan	436	501	
AC	4,816,659	3/1989	Bianco et al	235	462.21	
AC	4,841,140	6/1989	Sullivan et al	250	226	
AC	4,877,747	10/1989	Stewart	436	525	
AC	4,880,752	11/1989	Keck et al	435	7.72	
AC	4,882,288	11/1989	North et al	436	525	
AC	4,921,805	5/1990	Gebeyehu et al	435	270	
AC	4,931,384	6/1990	Layton et al	435	7.31	
AC	4,958,376	9/1990	Leib	382	211	
AC	4,992,385	2/1991	Godfrey	436	525	
AC	5,003,600	3/1991	Deason	380	54	
AC	5,033,826	7/1991	Kolner	359	245	
AC	5,067,155	11/1991	Bianco et al	713	185	
AC	5,081,012	1/1992	Flanagan et al	435	7.9	
AC	5,089,387	2/1992	Tsay et al	435	6	
AC	5,095,194	3/1992	Barbanell	235	379	
AC	5,100,238	3/1992	Nailor et al	356	246	
AC	5,115,121	5/1992	Bianco et al	235	462.25	
AC	5,118,608	6/1992	Layton et al	435	7.1	
AC	5,138,468	8/1992	Barbanell	359	2	
AC	5,141,848	8/1992	Donovan et al	435	5	
AC	5,144,461	9/1992	Horan	359	30	
AC	5,166,813	11/1992	Metz	359	15	

2085

ALL	5,196,350	3/1987	Backman et al	436	501	
ALL	5,200,794	4/1993	Nishiguma et al	356	71	
ALL	5,291,006	3/1994	Hishiguma et al	235	454	
ALL	5,291,027	3/1994	Kita et al	250	566	
ALL	5,300,764	4/1995	Hoshino et al	235	487	
ALL	5,310,686	5/1994	Sawyers et al	436	518	
ALL	5,349,442	9/1994	Deason et al	356	821	
ALL	5,352,582	10/1994	Lichtenwalter et al	435	6	
ALL	5,364,797	11/1994	Olsen et al	436	501	
ALL	5,374,816	12/1994	Bianco	235	454	
ALL	5,374,818	12/1994	Bianco et al	235	492	
ALL	5,394,234	2/1995	Bianco et al	356	71	
ALL	5,442,433	8/1995	Hoshino et al	356	71	
ALL	5,448,659	9/1995	Tsutsui et al	385	14	
ALL	5,451,528	9/1995	Raymoure et al	436	533	
ALL	5,461,475	10/1995	Lerner et al	356	300	
ALL	5,465,176	11/1995	Bianco et al	359	567	
ALL	5,468,649	11/1995	Shah et al	436	518	
ALL	5,506,674	4/1996	Inoue et al	356	73.1	
ALL	5,514,785	5/1996	Van Ness et al	536	22.1	
ALL	5,528,045	6/1996	Hoffman et al	250	458.1	
ALL	5,547,849	8/1996	Baer et al	435	7.24	
ALL	5,585,639	12/1996	Dorsal et al	250	458.1	
ALL	5,607,188	3/1997	Bahns et al	283	113	
ALL	5,621,515	4/1997	Hoshino	356	71	
ALL	5,627,040	5/1997	Bierre et al	435	7.24	
ALL	5,627,663	5/1997	Horan et al	359	2	
ALL	5,633,724	05/1997	King et al	356	445	
ALL	5,663,790	9/1997	Ekstrom et al	356	128	
ALL	5,667,976	9/1997	Van Ness et al	435	6	
ALL	5,671,308	9/1997	Inoue et al			
ALL	5,712,912	1/1998	Tomko et al	713	186	
ALL	5,721,435	2/1998	Troll	250	559.29	
ALL	5,729,365	05/1998	Sweatt	359	2	
ALL	5,736,330	4/1998	Fulton	435	6	
ALL	5,742,432	4/1998	Bianco	359	566	
ALL	5,759,778	6/1998	Li et al	435	6	
ALL	5,760,961	06/1998	Tompkin et al	359	576	
ALL	5,766,956	6/1998	Groger et al	436	164	
ALL	5,793,502	8/1998	Bianco et al	359	2	
ALL	5,798,273	8/1998	Shuler et al	436	514	
ALL	5,799,231	8/1998	Gates et al	399	115	
ALL	5,801,857	09/1998	Heckenkamp et al	359	2	
ALL	5,804,384	9/1998	Muller et al	435	6	
ALL	5,822,472	10/1998	Danielzik et al	385	12	
ALL	5,824,478	10/1998	Muller	435	6	
ALL	5,824,557	10/1998	Burke et al	436	94	
ALL	5,831,698	11/1998	Depp et al	399	64	
ALL	5,837,475	11/1998	Dorsal et al	435	7.1	
ALL	5,841,555	11/1998	Bianco et al	359	2	

ALC	5,846,737	12/1998	Kang	435	21	
ALC	5,874,187	2/1999	Colvin et al	430	2	
ALC	5,895,750	4/1999	Mushahwar et al	435	7.5	
ALC	5,922,550	7/1999	Everhart et al	435	7.21	
ALC	5,925,562	7/1999	Nova et al	435	287.1	
ALC	5,925,878	7/1999	Challener	250	225	
ALC	5,945,679	8/1999	Dorsal et al	250	458.1	
ALC	5,986,838	11/1999	Thomas, III	360	60	
ALC	5,989,923	11/1999	Lowe et al	436	578	
ALC	5,998,796	12/1999	Liu et al	250	458.1	
ALC	6,001,510	12/1999	Meng et al	430	1	
ALC	6,017,754	1/2000	Chestnut et al	435	320.1	
ALC	6,025,129	2/2000	Nova et al	435	6	
ALC	6,025,283	2/2000	Roberts	442	15	
ALC	6,036,807	3/2000	Brongers	156	233	
ALC	6,043,880	3/2000	Andrews et al	356	311	
ALC	6,046,925	4/2000	Tsien et al	365	111	
ALC	6,049,727	4/2000	Crothall	600	310	
ALC	6,057,107	5/2000	Fulton	435	6	
ALC	6,060,256	5/2000	Everhart et al	435	7.21	
ALC	6,067,167	5/2000	Atkinson et al	356	437	
ALC	6,067,392	5/2000	Wakami et al	365	37	
ALC	6,078,048	6/2000	Stevens et al	250	339.02	
ALC	6,087,186	7/2000	Cargill et al	436	578	
ALC	6,096,496	8/2000	Frankel			
ALC	6,097,485	8/2000	Lievan	356	338	
ALC	6,103,535	8/2000	Pilevar et al	436	578	
ALC	6,118,127	9/2000	Liu et al	250	458.1	
ALC	6,160,240	12/2000	Momma et al	219	121.85	
ALC	6,160,656	12/2000	Mossberg et al	354	328	
ALC	6,164,548	12/2000	Curiel	235	487	
ALC	6,165,592	12/2000	Berger et al	428	195.1	
ALC	6,165,648	12/2000	Colvin et al	430	1	
ALC	6,194,563	2/2001	Cruickshank	536	25.3	
ALC	6,218,194	04/2001	Lyndin et al	436	578	
ALC	6,221,579	4/2001	Everhart et al	435	5	
ALC	6,229,635	5/2001	Wulf	359	196	
ALC	6,259,450	7/2001	Chiabrera et al	345	419	
ALC	6,268,128	7/2001	Collins et al	435	6	
ALC	6,284,459	9/2001	Nova et al	435	6	
ALC	6,292,282	9/2001	Mossberg et al	398	99	
ALC	6,292,319	9/2001	Thomass III	360	60	
ALC	6,301,047	10/2001	Hoshino et al	359	566	
ALC	6,304,263	10/2001	Chiabrera et al	345	419	
ALC	6,306,587	10/2001	Royer et al	435	6	
ALC	6,309,601	10/2001	Juncosa et al	422	68.1	
ALC	6,312,961	11/2001	Seul	436	578	
ALC	6,313,771	11/2001	Munroe et al	341	137	
ALC	6,314,220	11/2001	Mossberg et al	365	37	
ALC	6,319,668	11/2001	Nova et al	435	6	

4 of 5

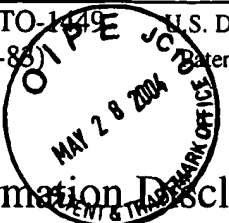
ALC	6,322,932	11/2001	Colvin et al	430	2	
ALC	6,329,963	12/2001	Chiabrera et al	345	6	
ALC	6,331,273	12/2001	Nova et al	422	68.1	
	6,340,588	1/2002	Nova et al			
ALC	6,352,854	3/2002	Nova et al	435	287.1	
ALC	6,355,198	3/2002	Kim et al	264	259	
ALC	6,371,370	4/2002	Sadler	235	454	
ALC	6,372,428	4/2002	Nova et al	435	6	
ALC	6,399,295	6/2002	Kaylor et al	435	5	
ALC	6,406,841	6/2002	Lee et al	435	5	
ALC	6,406,848	6/2002	Bridgham et al	435	6	
ALC	6,416,714	7/2002	Nova et al	422	68.1	
ALC	6,417,010	7/2002	Cargill et al	436	518	
ALC	6,428,707	8/2002	Berg et al	210	661	
ALC	6,428,957	8/2002	Delenstarr	435	6	
ALC	6,433,849	8/2002	Lowe	349	123	
ALC	6,436,651	8/2002	Everhart et al	435	7.21	
ALC	6,489,606	12/2002	Kersey et al	250	227.14	
ALC	6,496,287	12/2002	Seiberle et al	359	15	
ALC	6,506,342	01/2003	Frankel	422	63	
ALC	6,515,753	2/2003	Maher et al	346	614	
ALC	6,522,406	2/2003	Rovira et al	356	369	
ALC	6,524,793	2/2003	Chandler et al	435	6	
ALC	6,533,183	5/2003	Aasmul	235	494	
ALC	6,560,017	5/2003	Bianco	359	516	
ALC	6,565,770	05/2003	Mayer et al	252	301.36	
ALC	6,592,036	7/2003	Sadler	235	454	
ALC	6,594,421	7/2003	Johnson et al	385	37	
ALC	6,609,728	8/2003	Voerman et al	283	70	
ALC	6,613,581	9/2003	Wada et al	436	518	
ALC	6,618,342	9/2003	Johnson et al	369	100	
ALC	6,622,916	9/2003	Bianco	235	454	
ALC	6,628,439	09/2003	Shiozawa et al	359	2	
ALC	6,632,655	3/2002	Mchta et al	435	288.5	
ALC	6,635,470	10/2003	Vann	435	287.2	
ALC	6,678,429	1/2004	Mossberg et al	385	10	
ALC	6,689,316	2/2004	Blyth et al	422	56	
ALC	6,692,912	2/2004	Boles et al	435	6	

FOREIGN PATENT DOCUMENTS									
Examiner Initial	Document Number							Date	Country
									Class
									Subclass
									Translation Yes/No
	2	3	7	2	1	0	0	8/2002	United Kingdom
	1	2	1	9	9	7	9	4/2001	European Patent
	9	7	1	5	6	9	0	5/1997	World

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	Patent Number	Assignee, Inventor, Title, Date and Pertinent Pages
AC	US 2002/0090650 (Publication)	Quantum Dot Corp Empedocles et al Two-Dimensional Spectral Imaging System Parag. 0112,0116,0120,0162,0163,0168
AC	2003/0129654	Ilya Ravkin et al Coded Particles for Multiplexed Analysis of Biological Samples 07/2003
AC	2002/0022273 A1	Empedocles et al Differentiable Spectral Bar Code Methods and Systems 02/2002
AC	2003/0138208	Pawlak et al Grating Optical Waveguide Structure for Multi-Analyte Determinations and the Use Thereof 07/2003
AC	2003/0032203	Sabatini et al Small Molecule Microarrays 02/2003
	2003/0021003	McGrew Quantum Dot Security Device and Method 02/2002
<p>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant.</p>		

Samuel C. Zavarinos

12/1/04

Form PTO-1019 (Rev. 8-88) U.S. Department of Commerce Patent and Trademark Office <div style="text-align: center;">  </div> <h2 style="text-align: center;">Information Disclosure Citation</h2> <p style="text-align: center;">(Use several sheets if necessary)</p>	Attorney Docket No. CC-0650 (CV-0040)	Serial No. 10/661,082
Applicant: John Moon et al		
Filing Date: September 12, 2003		Group: 2872

U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>AC</i>	5 6 7 1 3 0 8	9/1997	Inoue et al	385	37	
<i>AC</i>	6 0 9 6 4 9 6	8/2000	Frankel et al	435	4	
<i>AC</i>	6 3 4 0 5 8 8	1/2002	Nova et al	435	287.1	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes/No
<i>AC</i>	1 2 1 9 9 7 9	7/02	European	—	—	/
<i>AC</i>	2 3 7 2 1 0 0	2/01	UK	—	—	
<i>AC</i>	0 3 0 6 1 9 8 3	7/03	World PCT	—	—	
<i>AC</i>	0 1 5 8 5 8 3	8/01	World PCT	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner <i>Amel C. Linares</i>	Date Considered 10/1/04
------------------------------------	----------------------------

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant.